T06290 "9E2E6860

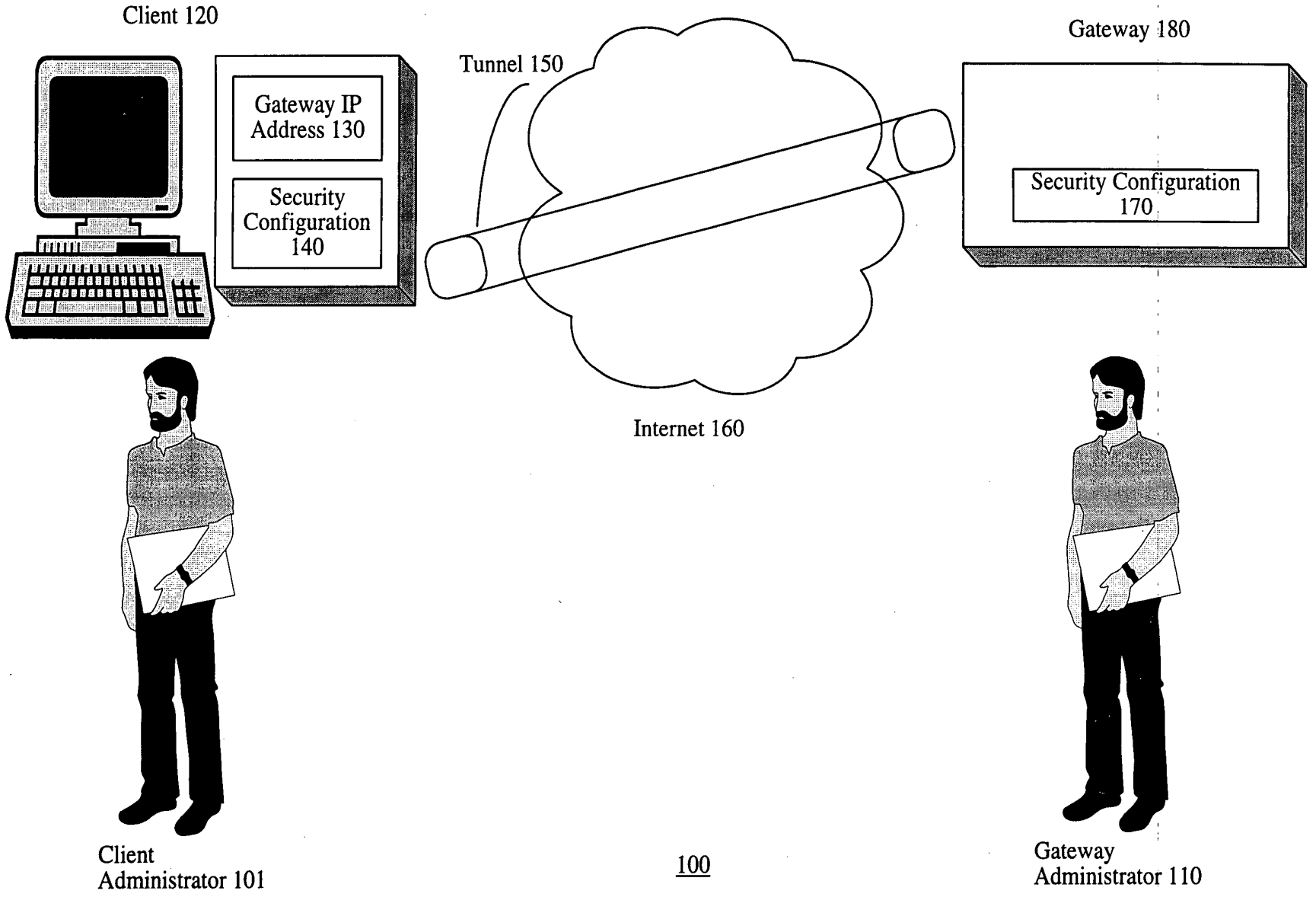

FIGURE 1 (Prior Art)

Security Configuration (Client)	Security Configuration (Gateway)
Peer IP a.b.c.d	
Phase1	
Authentication [key, certificate, etc.]	
[Other associated authentication data; e.g., key (shared secret), certificate details (CA, key length, etc.)]	
	Phase1
Encryption 3des	Encryption 3des
Authentication hmac-sha1	Authentication hmac-sha1
Diffie-hellman 2	Diffie-hellman 2
Life 3600 seconds	Life 3600 seconds
Phase2 – SA1	Phase2 – SA1
Protected network 10.1.1.1 / 32	Protected network 10.1.1.1 / 32
Protocol all	Protocol all
Port 23	Port 23
ESP-algorithm 3DES	ESP-algorithm 3DES
ESP-authentication NONE	ESP-authentication NONE
Life 86400 seconds	Life 86400 seconds
Phase2 - SA2	Phase2 - SA2
Protected network 10.1.1.2 / 32	Protected network 10.1.1.2 / 32
Protocol all	Protocol all
Port 80	Port 80
ESP-algorithm DES	ESP-algorithm DES
ESP-authentication NONE	ESP-authentication NONE
Life 86400 seconds	Life 86400 seconds

FIGURE 2 (Prior Art)

T06290"9226860

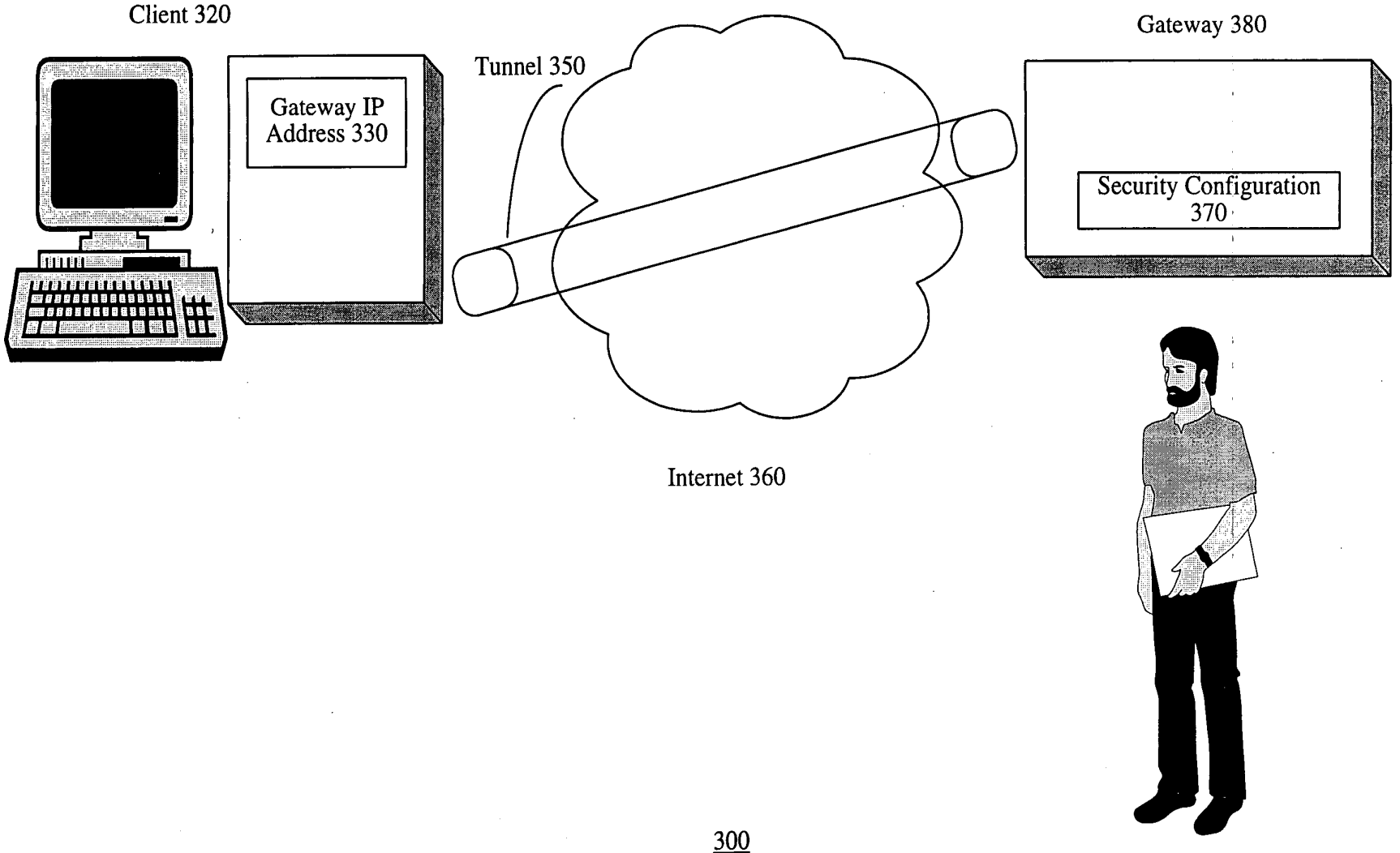

FIGURE 3

T06290 92268260

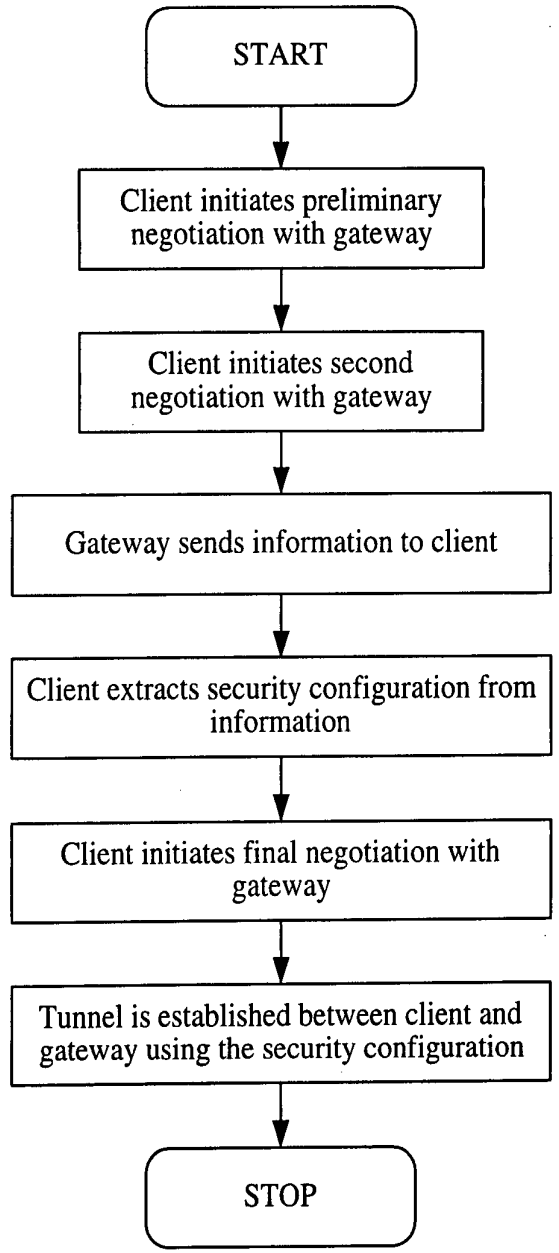

FIGURE 4

T06290 "9226860

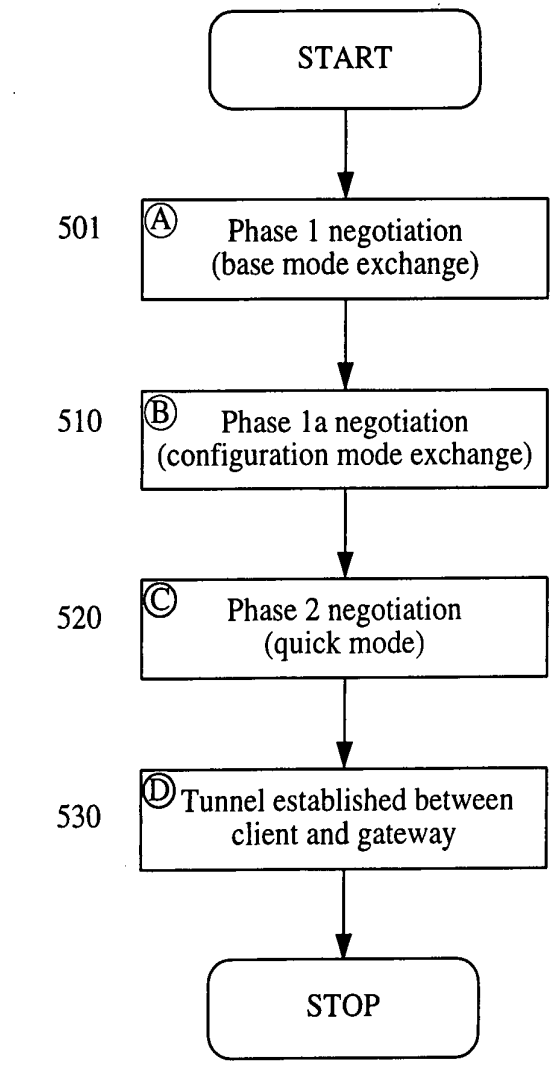

FIGURE 5

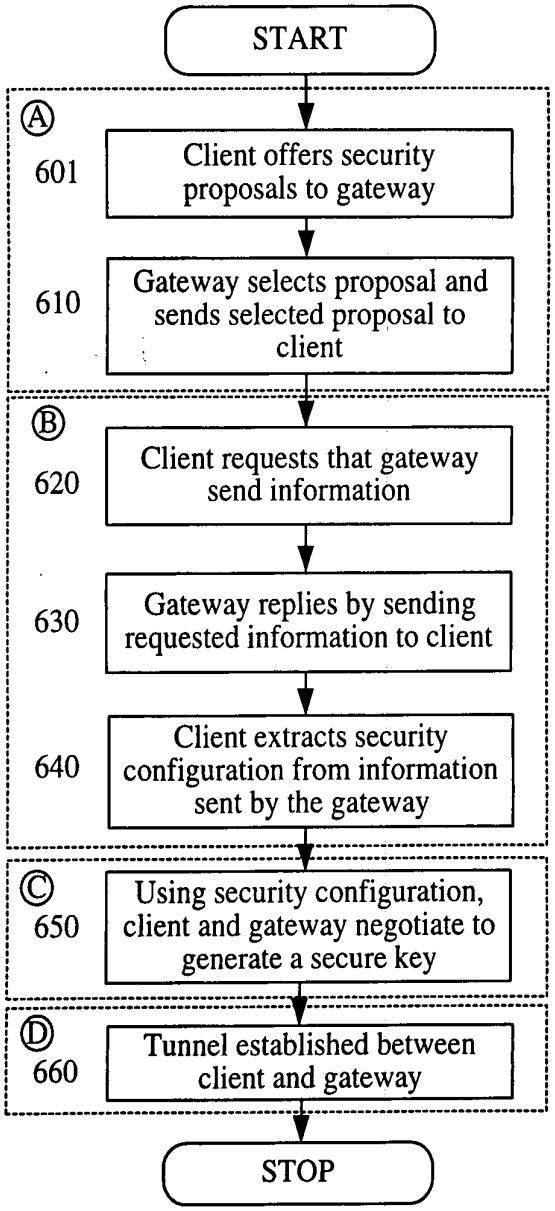

FIGURE 6

```
ATTR1(REQUEST) =
      CFG_DYNAMIC_CONFIG(0)
ATTR1(REPLY) =
      INTERNAL_IP4_SUBNET(10.1.1.1,255.255.255.255)
      CFG_PROTOCOL(0)
      CFG_SRC_PORT(0)
      CFG_DEST_PORT(21)
      CFG_ESP_ENC_ALGO(3DES)
      CFG_ESP_AUTH_ALGO(NONE)
      CFG_AH_AUTH_ALGO(NONE)
      CFG_COMP_ALGO(0)
      CFG_TRANSPORT_ESP_MODE(0)
      CFG_TRANSPORT_AH_MODE(0)
      CFG_DH_GROUP(0)
      CFG_PFS(0)
      CFG_LIFE_SEC(86400)
      CFG_LIFE_KBS(0)
      ...
      ...
      [OTHER SA INFORMATION IF DEFINED]
      ...
      ...
      INTERNAL_IP4_SUBNET (10.1.1.2,255.255.255.2)
      CFG_PROTOCOL(0)
      CFG_SRC_PORT(0)
      CFG_DEST_PORT(80)
      CFG_ESP_ENC_ALGO(DES)
      CFG_ESP_AUTH_ALGO(NONE)
      CFG_AH_AUTH_ALGO(NONE)
      CFG_COMP_ALGO(0)
      CFG_TRANSPORT_ESP_MODE(0)
      CFG_TRANSPORT_AH_MODE(0)
      CFG_DH_GROUP(0)
      CFG_PFS(0)
      CFG_LIFE_SEC(86400)
      CFG_LIFE_KBS(0)
```

FIGURE 7